

INTERIM EDDS ADMINISTRATIVE INTERPRETATION

Owen B. Carter, P.E., County Engineer

SUBJECT: INTERSECTION SIGHT DISTANCE (ISD) REDUCTION

Referenced EDDS Sections:

- a. EDDS 3-08.A, "Sight Distance - General"
- b. EDDS 3-08.B, "Stopping Sight Distance" and 3-08.C, "Effect of Grade on Stopping Sight Distance"
- c. EDDS 3-08.D, "Intersection Sight Distance" and 3-08.E, "Clear Sight Triangles"
- d. SD 3-130, "Stopping Sight Distance"
- e. SD 3-140, "Clear Sight Triangles"

DISCUSSION:

- a. **EDDS 3-08.A(2)** specifies that each new intersection or access point connection must meet the stopping sight distance (SSD) and intersection sight distance (ISD) requirements set forth in EDDS Section 3-08.
- b. **EDDS 3-08.B** and **3-08.C** specify the procedure for determining SSD and include **Tables 3-6** and **3-7** with SSD requirements.
- c. **EDDS 3-08.D** and **3-08.E** specify the procedure for determining ISD and include **Tables 3-8** and **3-9** with ISD requirements.
- d. **SD 3-130** illustrates stopping sight distance concepts.
- e. **SD 3-140** illustrates clear sight triangles and intersection sight distance concepts.

INTERPRETATION INSTRUCTIONS:

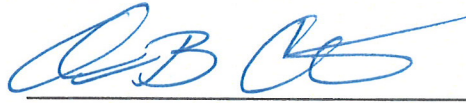
An interim interpretation of the above EDDS' requirements is hereby approved as follows:

1. In evaluating sight distance acceptability at a new road intersection or new access point per **EDDS 3-08.A**, stopping sight distance (SSD) requirements must always be met. Refer to **EDDS 3-08.B**, **3-08.C** and **SD 3-130** for SSD criteria.
2. If intersection sight distance (ISD) requirements cannot be met, then appropriate corrective measures, such as vegetation trimming, should be performed first. If still deficient, then adjustment of the ISD measurement point should be made per the "Intersection Sight Distance Measurement" administrative interpretation dated 6/1/08 and ISD rechecked.
3. If the ISD standard still cannot be met, then the required ISD may be reduced by up to 10% and availability rechecked. No change is made to the method for measuring ISD as described in **EDDS 3-08.D**, **3-08.E** and **SD 3-140**. The SSD requirements described in step 1 above do not change and ensure that safety will be maintained.

This interpretation will not compromise public health, safety or welfare. ISD is a road capacity and operations standard; hence the operational flow of the roadway may be impacted to a small degree but not safety since SSD will be maintained.

EDDS DEVIATION REQUIRED:

An EDDS DEVIATION is required for any other revision to the intersection sight distance methodology or the intersection/access point approval standards.

 5/30/08
Owen B. Carter Date
County Engineer

This interim EDDS administrative interpretation is approved is approved pursuant to the SCC 13.01.020(4) delegation of authority from the County Engineer.

Reviewer

Date

Project Name

PFN

Discussion (if necessary):